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**SOUTH GROUNDWATER CONTAMINATION
PLUME REMOVAL ACTION WEEKLY REPORT
JANUARY 14, 1992**

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SOUTH GROUNDWATER CONTAMINATION PLUME REMOVAL ACTION

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Part 1 - Alternate Water Supply

The final draft of the Part 1 Work Plan, Revision 1, and the responses to Ohio EPA comments were transmitted to the U.S. EPA and Ohio EPA on December 31, 1991.

The Department of Energy (DOE) has conducted discussions with Albright & Wilson Americas, Inc. (AWA) technical personnel concerning realignment of the piping layout. This realignment effort is intended to minimize excavation, exposure to existing gas lines, and unnecessary sampling by avoiding suspect contamination areas on the AWA property. Impact to the schedule is not expected since changes to the design will be made prior to open bids.

A meeting was held on December 30, 1991, with Mr. Lienesch to discuss his concerns about an alternate water supply easement on his property. Mr. Lienesch does not want a perpetual easement, but may accept a temporary easement if the industrial users will be tied in to the future public water supply, when available. DOE/WEMCO advised him of the various legal agreements and commitments with the industrial users and the regulators, but stated that DOE will evaluate his offer. All parties walked the proposed easement routing; concerns of various routings, including the option along the CSX Railroad easement, were discussed.

DOE will evaluate in detail the CSX Railroad property for possible use. DOE/WEMCO stated that Mr. Lienesch would be contacted again with the answers to his concerns. He was also advised that the Corps of Engineers (COE) would contact him in early January regarding the existing plan for easement acquisition, whereupon specifics would be discussed.

A Congressional Inquiry regarding easement acquisition on Mr. Lienesch's property was received from Senator John Glenn. A draft response letter was prepared which indicated that three options could be used to avoid his property. However, evaluation indicated that the options would be much more costly than the present routing through his property.

Part 2 - Pump and Discharge

A. M. Keeney, Design Consultant for part 2 of the South Groundwater Contamination Plume Removal Action, submitted the design of package 2A which includes the pipeline from south of Willey Road on the Knollman property, to and including, manhole 182B on an easement owned by FEMP on Knollman property.

The properties required for construction of packages 2C, the well field, and 2D, the pump test, were defined. Requirements for easement acquisition were transmitted to the COE, via DOE Oak Ridge procurement and contract division on December 20, 1991.

Approval from DOE, to proceed on the purchase of longlead material (high density Polyethylene pipe and fittings), was given to WEMCO on December 30, 1991. This will enhance our efforts to meet our EPA commitment date of January 29, 1993.

Part 3 - Installation and Operation of an Interim Advanced Wastewater Treatment (IAWWT) System to reduce Uranium Loading to the Great Miami River to a Level less than 1,700 Pounds per Year

The pre-bid meeting for the Interim Advanced Wastewater Treatment System - Utilities Services subcontract was held on January 3, 1992. WEMCO completed internal reviews of both the Safety Assessment and Risk Assessment documentation for the Interim Treatment Facility at the Storm Water Retention Basin. Final document approvals are scheduled by the end of January 1992.

A final design review will be conducted by WEMCO on the Interim Advanced Wastewater Treatment Facility at the Bio-denitrification/Effluent Treatment Facility beginning January 14, 1992. Following approval of this package in late January 1992, the Construction Manager will assume construction responsibility for contract award and construction.